RAW SEQUENCE LISTING

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Application Serial Number: 10/538,405A

Source: PCT

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PCT

RAW SEQUENCE LISTING   DATE: 06/14/2006
PATENT APPLICATION: US/10/538,405A   TIME: 10:33:51

Input Set : A:\21556.TXT
Output Set: N:\CRF4\06142006\J538405A.raw

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        3 <110> APPLICANT: Roche Diagnostics Operations, Inc.
        5 <120> TITLE OF INVENTION: Optimised Protein Synthesis
        7 <130> FILE REFERENCE: 21556
C-->    9 <140> CURRENT APPLICATION NUMBER: US/10/538,405A
C-->   10 <141> CURRENT FILING DATE: 2005-06-09
       12 <160> NUMBER OF SEQ ID NOS: 57
       14 <170> SOFTWARE: PatentIn Ver. 2.1
       16 <210> SEQ ID NO: 1
       17 <211> LENGTH: 84
       18 <212> TYPE: DNA
       19 <213> ORGANISM: Artificial Sequence
       21 <220> FEATURE:
       22 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer C
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       26 ttaactttaa gaaggagata tacc                                       84
       29 <210> SEQ ID NO: 2
       30 <211> LENGTH: 71
       31 <212> TYPE: DNA
       32 <213> ORGANISM: Artificial Sequence
       34 <220> FEATURE:
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       39 gcctttttatt a                                                   71
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       43 <211> LENGTH: 30
       44 <212> TYPE: DNA
       45 <213> ORGANISM: Artificial Sequence
       47 <220> FEATURE:
       48 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
       49        without hairpinloop
       51 <400> SEQUENCE: 3
       52 aggagatata ccatgactag caaaggagaa                                 30
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       56 <211> LENGTH: 42
       57 <212> TYPE: DNA
       58 <213> ORGANISM: Artificial Sequence
       60 <220> FEATURE:
       61 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
       62        Stem Length 4 bp
       64 <400> SEQUENCE: 4
       65 aggagatata ccatgactaa ttttagtact agcaaaggag aa                   42
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                    Input Set : A:\21556.TXT
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68 <210> SEQ ID NO: 5
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70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
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77 <400> SEQUENCE: 5
78 aggagatata ccatgactgt ttatacagta actagcaaag gagaa   45
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 48
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
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90 <400> SEQUENCE: 6
91 aggagatata ccatgactgg tcaattacca gtaactagca aaggagaa   48
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 51
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
101   Stem Length 7 bp
103 <400> SEQUENCE: 7
104 aggagatata ccatgactgc tttacatcaa gcagtaacta gcaaaggaga a   51
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 51
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
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116 <400> SEQUENCE: 8
117 aggagatata ccatgactgc acgtgatcgt gcagtaacta gcaaaggaga a   51
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 30
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer B
128 <400> SEQUENCE: 9
129 attcgccttt tattaatgat gatgatgatg   30
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133 <211> LENGTH: 60
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:

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141 aggagatata ccatgactag cactgcacgt gcatcgtgca gtgtaaaagg agaagaactt 60
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 63
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
152 <400> SEQUENCE: 11
153 aggagatata ccatgactag caaaactgca cgtgcatcgt gcagtgtagg agaagaactt 60
154 ttc                                                                63
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 66
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
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166 aggagatata ccatgactag caaaggaact gcacgtgcat cgtgcagtgt agaagaactt 60
167 ttcact                                                             66
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 69
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
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180 ttcactgga                                                          69
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184 <211> LENGTH: 72
185 <212> TYPE: DNA
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188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A
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193 ttcactggag tt                                                      72
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197 <211> LENGTH: 75
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199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
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205 aggagatata ccatgactag caaaggagaa gaacttactg cacgtgcatc gtgcagtgta 60
206 ttcactggag ttgtc                                                   75
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211 <212> TYPE: DNA
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214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer D
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219 ttagtttatt a                                                    71
222 <210> SEQ ID NO: 17
223 <211> LENGTH: 60
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
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231 aggagatata ccatgaaata tacatattct ctgcacgtga tcgtgcaggc taacaccgcg 60
234 <210> SEQ ID NO: 18
235 <211> LENGTH: 60
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
242 <400> SEQUENCE: 18
243 aggagatata ccatgaaaac atattattct ctgcacgtga tcgtgcaggc taacaccgcg 60
246 <210> SEQ ID NO: 19
247 <211> LENGTH: 60
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
254 <400> SEQUENCE: 19
255 aggagatata ccatgaaata ttcttataca ctgcacgtga tcgtgcaggc taacaccgcg 60
258 <210> SEQ ID NO: 20
259 <211> LENGTH: 60
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
266 <400> SEQUENCE: 20
267 aggagatata ccatgaaata ttattctaca ctgcacgtga tcgtgcaggc taacaccgcg 60
270 <210> SEQ ID NO: 21
271 <211> LENGTH: 60
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
278 <400> SEQUENCE: 21
279 aggagatata ccatgaaata tacatattca ctgcacgtga tcgtgcaggc taacaccgcg 60
282 <210> SEQ ID NO: 22
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285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
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290 <400> SEQUENCE: 22
291 aggagatata ccatgaaaac atattattca ctgcacgtga tcgtgcaggc taacaccgcg 60
294 <210> SEQ ID NO: 23
295 <211> LENGTH: 60
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
301 <400> SEQUENCE: 23
302 aggagatata ccatgaaata ttcatataca ctgcacgtga tcgtgcaggc taacaccgcg 60
305 <210> SEQ ID NO: 24
306 <211> LENGTH: 60
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
313 <400> SEQUENCE: 24
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317 <210> SEQ ID NO: 25
318 <211> LENGTH: 60
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer A Variant
325 <400> SEQUENCE: 25
326 aggagatata ccatgcatca tcatcatcat ctgcacgtga tcgtgcaggc taacaccgcg 60
329 <210> SEQ ID NO: 26
330 <211> LENGTH: 27
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer Wildtype
337 <400> SEQUENCE: 26
338 aggagatata ccatggctaa caccgcg                                      27
341 <210> SEQ ID NO: 27
342 <211> LENGTH: 48
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer B
349 <400> SEQUENCE: 27
350 aggattagtt tattaatgat gatgatgatg atggcgccgg gtgcgcga                48
353 <210> SEQ ID NO: 28
354 <211> LENGTH: 60
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W-->

VERIFICATION SUMMARY   DATE: 06/14/2006
PATENT APPLICATION: **US/10/538,405A**   TIME: 10:33:53

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:301 M:283 W: Missing Blank Line separator, <400> field identifier